

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAALC1654

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available  
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE  
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER  
NEWS 6 DEC 14 CA/CAPLUS to be enhanced with updated IPC codes  
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPLUS with the  
IPC reform  
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
USPAT2  
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDb, and IFICDB  
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to  
INPADOC

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT  
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
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of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 19:49:42 ON 16 JAN 2006

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

0.21

0.21

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,  
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,  
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,  
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 19:50:22 ON 16 JAN 2006

70 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view  
search error messages that display as 0\* with SET DETAIL OFF.

=> s (barley or Hordeum)s(ferment or fermented) and pd<20020419 and ("glutamic  
acid" and glycine and "Aspartic acid" and proline and serine)

MISSING OPERATOR HORDEUM)S(FERMENT

The search profile that was entered contains terms or  
nested terms that are not separated by a logical operator.

=> s (barley or Hordeum)(s)(ferment or fermented) and pd<20020419 and ("glutamic  
acid" and glycine and "Aspartic acid" and proline and serine)

0\* FILE AGRICOLA

<-----User Break----->

=> s (barley or Hordeum) and pd<20020419 and ("glutamic acid" and glycine and  
"Aspartic acid" and proline and serine)

0\* FILE AGRICOLA

0\* FILE ANABSTR

6 FILES SEARCHED...

9 FILES SEARCHED...

<-----User Break----->

=> file biosis

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

3.66

3.87

FILE 'BIOSIS' ENTERED AT 19:53:53 ON 16 JAN 2006

Copyright (c) 2006 The Thomson Corporation

FILE COVERS 1969 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT  
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 11 January 2006 (20060111/ED)

=> s (barley or Hordeum) and pd<20020419 and ("glutamic acid" and glycine and  
"Aspartic acid" and proline and serine)

46891 BARLEY

632 BARLEYS

46982 BARLEY

(BARLEY OR BARLEYS)

16374 HORDEUM

13045287 PD<20020419

(PD<20020419)

30730 "GLUTAMIC"

1232051 "ACID"

331774 "ACIDS"

1379628 "ACID"

("ACID" OR "ACIDS")

23239 "GLUTAMIC ACID"  
 ("GLUTAMIC" (W) "ACID")  
 68296 GLYCINE  
 2439 GLYCINES  
 69846 GLYCINE  
 (GLYCINE OR GLYCINES)  
 16559 "ASPARTIC"  
 1232051 "ACID"  
 331774 "ACIDS"  
 1379628 "ACID"  
 ("ACID" OR "ACIDS")  
 13892 "ASPARTIC ACID"  
 ("ASPARTIC" (W) "ACID")  
 34974 PROLINE  
 631 PROLINES  
 35255 PROLINE  
 (PROLINE OR PROLINES)  
 67418 SERINE  
 1430 SERINES  
 68130 SERINE  
 (SERINE OR SERINES)

L1 7 (BARLEY OR HORDEUM) AND PD<20020419 AND ("GLUTAMIC ACID" AND  
 TI GLYCINE AND "ASPARTIC ACID" AND PROLINE AND SERINE)

=> d ll 1-7 ti

L1 ANSWER 1 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 TI Studies on the effect of dietary crude protein supply on the composition  
 of ileal endogenous crude protein loss in growing pigs.

L1 ANSWER 2 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 TI Biochemical and immunological characterization of alpha-amylase isoenzymes  
 of Araucaria araucana.

L1 ANSWER 3 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 TI AMINO-ACID COMPOSITION OF 6 GRAINS AND WINTER WHEAT FORAGE.

L1 ANSWER 4 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 TI INTER AMINO-ACID INHIBITION OF TRANSPORT IN HIGHER PLANTS EVIDENCE FOR 2  
 TRANSPORT CHANNELS WITH ASCERTAINABLE AFFINITIES FOR AMINO-ACIDS.

L1 ANSWER 5 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 TI AMINO-ACID COMPOSITION OF THE BASIC PIG AND POULTRY FEEDS.

L1 ANSWER 6 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 TI THE INFLUENCE OF THE HIND GUT MICRO FLORA ON THE DIGESTIBILITY OF PROTEIN  
 AND AMINO-ACIDS IN GROWING PIGS ELUCIDATED BY ADDITION OF ANTIBIOTICS TO  
 DIFFERENT FRACTIONS OF BARLEY.

L1 ANSWER 7 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 TI PROTEIN CONTENT AND AMINO-ACID COMPOSITION OF TISSUE COMPONENTS IN  
 DEVELOPING BARLEY.

=> d ll 3, 5, 7 ibib

L1 ANSWER 3 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 ACCESSION NUMBER: 1984:241887 BIOSIS Full-text  
 DOCUMENT NUMBER: PREV198477074871; BA77:74871  
 TITLE: AMINO-ACID COMPOSITION OF 6 GRAINS AND WINTER WHEAT FORAGE.

AUTHOR(S): MOREY D D [Reprint author]; EVANS J J  
 CORPORATE SOURCE: COASTAL PLAIN EXPERIMENT STATION, TIFTON, GA 31793, USA  
 SOURCE: Cereal Chemistry, (1983) Vol. 60, No. 6, pp. 461-464.  
 CODEN: CECHAF. ISSN: 0009-0352.

DOCUMENT TYPE: Article  
 FILE SEGMENT: BA  
 LANGUAGE: ENGLISH

L1 ANSWER 5 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 ACCESSION NUMBER: 1981:158490 BIOSIS Full-text  
 DOCUMENT NUMBER: PREV198171028482; BA71:28482  
 TITLE: AMINO-ACID COMPOSITION OF THE BASIC PIG AND POULTRY FEEDS.  
 AUTHOR(S): DZHAROVA M [Reprint author]; ANGELOVA L  
 CORPORATE SOURCE: INST ANIM HUSB, KOSTINBROD, BULG  
 SOURCE: Zhivotnov"dni Nauki, (1979) Vol. 16, No. 5, pp. 63-74.  
 CODEN: ZHVNAS. ISSN: 0514-7441.

DOCUMENT TYPE: Article  
 FILE SEGMENT: BA  
 LANGUAGE: BULGARIAN

L1 ANSWER 7 OF 7 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 ACCESSION NUMBER: 1976:171806 BIOSIS Full-text  
 DOCUMENT NUMBER: PREV197662001806; BA62:1806  
 TITLE: PROTEIN CONTENT AND AMINO-ACID COMPOSITION OF TISSUE COMPONENTS IN DEVELOPING BARLEY.  
 AUTHOR(S): POMERANZ Y; ROBBINS G S; GILBERTSON J T  
 SOURCE: Journal of Food Science, (1976) Vol. 41, No. 2, pp. 283-285.  
 CODEN: JFDSAZ. ISSN: 0022-1147.

DOCUMENT TYPE: Article  
 FILE SEGMENT: BA  
 LANGUAGE: Unavailable

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.08	10.95

STN INTERNATIONAL LOGOFF AT 19:55:20 ON 16 JAN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAALC1654

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
 NEWS 2 OCT 02 CA/CAPplus enhanced with pre-1907 records from Chemisches  
 Zentralblatt  
 NEWS 3 OCT 19 BEILSTEIN updated with new compounds  
 NEWS 4 NOV 15 Derwent Indian patent publication number format enhanced  
 NEWS 5 NOV 19 WPIX enhanced with XML display format  
 NEWS 6 NOV 30 ICSD reloaded with enhancements  
 NEWS 7 DEC 04 LINPADOCDB now available on STN  
 NEWS 8 DEC 14 BEILSTEIN pricing structure to change  
 NEWS 9 DEC 17 USPATOLD added to additional database clusters  
 NEWS 10 DEC 17 IMSDRUGCONF removed from database clusters and STN  
 NEWS 11 DEC 17 DGENE now includes more than 10 million sequences  
 NEWS 12 DEC 17 TOXCENTER enhanced with 2008 MeSH vocabulary in  
 MEDLINE segment  
 NEWS 13 DEC 17 MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary  
 NEWS 14 DEC 17 CA/CAPplus enhanced with new custom IPC display formats  
 NEWS 15 DEC 17 STN Viewer enhanced with full-text patent content  
 from USPATOLD  
 NEWS 16 JAN 02 STN pricing information for 2008 now available  
 NEWS 17 JAN 16 CAS patent coverage enhanced to include exemplified  
 prophetic substances  
 NEWS 18 JAN 28 USPATFULL, USPAT2, and USPATOLD enhanced with new  
 custom IPC display formats  
 NEWS 19 JAN 28 MARPAT searching enhanced  
 NEWS 20 JAN 28 USGENE now provides USPTO sequence data within 3 days  
 of publication  
 NEWS 21 JAN 28 TOXCENTER enhanced with reloaded MEDLINE segment  
 NEWS 22 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements  
 NEWS 23 FEB 08 STN Express, Version 8.3, now available  
 NEWS 24 FEB 20 PCI now available as a replacement to DPCI  
 NEWS 25 FEB 25 IFIREF reloaded with enhancements  
 NEWS 26 FEB 25 IMSPRODUCT reloaded with enhancements  
 NEWS 27 FEB 29 WPINDEX/WPIDS/WPIX enhanced with ECLA and current  
 U.S. National Patent Classification

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,  
 AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS LOGIN Welcome Banner and News Items  
 NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that  
 specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:26:58 ON 18 MAR 2008

=> file biosis

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'BIOSIS' ENTERED AT 12:27:10 ON 18 MAR 2008  
Copyright (c) 2008 The Thomson Corporation

FILE COVERS 1926 TO DATE.  
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT  
FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 12 March 2008 (20080312/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926  
through 1968. These records have been re-indexed to match current  
BIOSIS indexing.

=> s (shochu) and (leeds or lees or by-product or residue or stillage or slop or  
bottom or bottoms) and (adsorb or adsorbition or absorb or absorbtion or filter or  
filtrate or fraction or fractionation) and pd<20020419

155 SHOCHU  
1 SHOCHUS  
155 SHOCHU  
(SHOCHU OR SHOCHUS)  
1007 LEEDS  
512 LEES  
298664 PRODUCT  
320715 PRODUCTS  
561796 BY-PRODUCT  
(PRODUCT OR PRODUCTS)  
116861 RESIDUE  
198853 RESIDUES  
271581 RESIDUE  
(RESIDUE OR RESIDUES)  
257 STILLAGE  
9 STILLAGES  
257 STILLAGE  
(STILLAGE OR STILLAGES)  
167 SLOP  
86 SLOPS  
243 SLOP  
(SLOP OR SLOPS)  
44148 BOTTOM  
3135 BOTTOMS  
46371 BOTTOM  
(BOTTOM OR BOTTOMS)  
3135 BOTTOMS  
3619 ADSORB  
898 ADSORBS  
4421 ADSORB  
(ADSORB OR ADSORBS)  
147 ADSORBTION  
7113 ABSORB  
1952 ABSORBS  
8933 ABSORB  
(ABSORB OR ABSORBS)  
385 ABSORBTION  
5 ABSORBTIONS  
388 ABSORBTION  
(ABSORBTION OR ABSORBTIONS)  
49102 FILTER  
20077 FILTERS  
62392 FILTER

```

                (FILTER OR FILTERS)
11699 FILTRATE
 7658 FILTRATES
17886 FILTRATE
                (FILTRATE OR FILTRATES)
253263 FRACTION
150517 FRACTIONS
353336 FRACTION
                (FRACTION OR FRACTIONS)
49414 FRACTIONATION
  938 FRACTIONATIONS
50061 FRACTIONATION
                (FRACTIONATION OR FRACTIONATIONS)
14902510 PD<20020419
                (PD<20020419)
L1          6 (SHOCHU) AND (LEEDS OR LEES OR BY-PRODUCT OR RESIDUE OR STILLAGE
                OR SLOP OR BOTTOM OR BOTTOMS) AND (ADSORB OR ADSORPTION OR ABSO
                RB OR ABSORPTION OR FILTER OR FILTRATE OR FRACTION OR FRACTIONAT
                ION) AND PD<20020419

```

=> d ll 1-6 ti

```

L1  ANSWER 1 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI  Production of gamma-aminobutyric acid from alcohol distillery lees
    by Lactobacillus brevis IFO-12005.

L1  ANSWER 2 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI  Production and some properties of low-salt seasoning from shochu
    distillery waste.

L1  ANSWER 3 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI  Separation of growth promoting factor of broiler chicken from
    shochu distillery by-product.

L1  ANSWER 4 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI  Mutagenicity of 1-methyl-1,2,3,4-tetrahydro-beta-carboline-3-carboxylic
    acid treated with nitrite in the presence of alcohols.

L1  ANSWER 5 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI  Solid-liquid separation in wastewater from a barley Shochu
    distillery using Geotrichum sp. M111 and treatment of the liquid component
    with Hansenula anomala and activated sludge: Note.

L1  ANSWER 6 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI  Microflora of a modified tower-trickling filter in experimental
    treatments of shochu distiller's slops.

```

=> d ll 2, 5, 6ibib  
'6IBIB' IS NOT A VALID FORMAT FOR FILE 'BIOSIS'

The following are valid formats:

The default display format is BIB.

```

ABS ----- AB
ALL ----- AN, DN, TI, AU, CS, PI, SO, DT, FS, LA, OS, ED, AB,
                NCL, CC, IT (CT, ST), GT, ORGN, RN, CN, GEN
BIB ----- AN, DN, TI, AU, CS, PI, SO, DT, FS, LA, OS, ED
CBIB ----- AN, compressed bibliographic information

```

DALL ----- ALL, delimited for post-processing  
 IABS ----- ABS, with text label  
 IALL ----- ALL, indented with text labels  
 IBIB ----- BIB, indented with text labels  
 IIND ----- IND, indented with text labels  
 IND ----- NCL, CC, IT (CT, ST), GT, ORGN, RN, CN, GEN  
 HIT ----- all fields containing hit search terms  
 HITIND ----- IND  
 KWIC ----- Hit terms plus 20 words on either side  
 OCC ----- number of occurrences of hit terms and fields  
               in which they occur

Hit terms will be highlighted in all available fields except MY and PY.

To display a particular field or fields, enter the display field codes. For a list of display field codes, enter 'HELP DFIELDS' at an arrow prompt (=>). Examples of formats include: 'BIB'; 'AB'; 'SO'. You may specify the format fields in any order, and the information will be displayed in the same order as the format specification.

The same formats (except for HIT, HITIND, KWIC, and OCC) may be used with the DISPLAY ACC command to display the record for a specified Accession Number.

ENTER DISPLAY FORMAT (BIB):d 11 2, 5, 6 ibib  
 'D' IS NOT A VALID FORMAT FOR FILE 'BIOSIS'

The following are valid formats:

The default display format is BIB.

ABS ----- AB  
 ALL ----- AN, DN, TI, AU, CS, PI, SO, DT, FS, LA, OS, ED, AB,  
               NCL, CC, IT (CT, ST), GT, ORGN, RN, CN, GEN  
 BIB ----- AN, DN, TI, AU, CS, PI, SO, DT, FS, LA, OS, ED  
 CBIB ----- AN, compressed bibliographic information  
 DALL ----- ALL, delimited for post-processing  
 IABS ----- ABS, with text label  
 IALL ----- ALL, indented with text labels  
 IBIB ----- BIB, indented with text labels  
 IIND ----- IND, indented with text labels  
 IND ----- NCL, CC, IT (CT, ST), GT, ORGN, RN, CN, GEN  
 HIT ----- all fields containing hit search terms  
 HITIND ----- IND  
 KWIC ----- Hit terms plus 20 words on either side  
 OCC ----- number of occurrences of hit terms and fields  
               in which they occur

Hit terms will be highlighted in all available fields except MY and PY.

To display a particular field or fields, enter the display field codes. For a list of display field codes, enter 'HELP DFIELDS' at an arrow prompt (=>). Examples of formats include: 'BIB'; 'AB'; 'SO'. You may specify the format fields in any order, and the information will be displayed in the same order as the format specification.

The same formats (except for HIT, HITIND, KWIC, and OCC) may be

used with the DISPLAY ACC command to display the record for a  
specified Accession Number.

ENTER DISPLAY FORMAT (BIB):ibib

L1 ANSWER 2 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
ACCESSION NUMBER: 2001:484186 BIOSIS Full-text  
DOCUMENT NUMBER: PREV200100484186  
TITLE: Production and some properties of low-salt seasoning from  
shochu distillery waste.  
AUTHOR(S): Yokoyama, Sadaji [Reprint author]; Tarumi, Shouji  
CORPORATE SOURCE: Alcoholic Beverages and Food Research Laboratories, Takara  
Shuzo Co., Ltd., 3-4-1 Seta, Otsu, Shiga, 520-2193, Japan  
yokoyamas@takara.co.jp  
SOURCE: Seibutsu-Kogaku Kaishi, (2001) Vol. 79, No. 7,  
pp. 211-217. print.  
ISSN: 0919-3758.  
DOCUMENT TYPE: Article  
LANGUAGE: Japanese  
ENTRY DATE: Entered STN: 17 Oct 2001  
Last Updated on STN: 23 Feb 2002

L1 ANSWER 5 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
ACCESSION NUMBER: 1995:509661 BIOSIS Full-text  
DOCUMENT NUMBER: PREV199598514711  
TITLE: Solid-liquid separation in wastewater from a barley  
Shochu distillery using Geotrichum sp. M111 and  
treatment of the liquid component with Hansenula anomala  
and activated sludge: Note.  
AUTHOR(S): Akita, Osamu [Reprint author]; Suzuki, Osamu; Takamine,  
Kazunori; Setoguchi, Shinji; Iwashita, Yujiro; Iefuji,  
Haruyuki; Obata, Takaji  
CORPORATE SOURCE: Natl. Res. Inst. Brewing, 8511-14 Misonou, Saijo-cho,  
Higashihiroshima 739, Japan  
SOURCE: Seibutsu-Kogaku Kaishi, (1995) Vol. 73, No. 5,  
pp. 397-404.  
ISSN: 0919-3758.  
DOCUMENT TYPE: Article  
LANGUAGE: Japanese  
ENTRY DATE: Entered STN: 29 Nov 1995  
Last Updated on STN: 29 Nov 1995

=> d 11 6 ibib

L1 ANSWER 6 OF 6 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
ACCESSION NUMBER: 1993:522105 BIOSIS Full-text  
DOCUMENT NUMBER: PREV199396135512  
TITLE: Microflora of a modified tower-trickling filter  
in experimental treatments of shochu distiller's  
slops.  
AUTHOR(S): Tanabe, Ikunosuke [Reprint author]; Shimoya, Akira  
CORPORATE SOURCE: Dep. Agricultural Chemistry, Faculty Agriculture, Kagoshima  
Univ., 21-24 Korimoto-1-chome, Kagoshima 890, Japan  
SOURCE: Seibutsu-Kogaku Kaishi, (1993) Vol. 71, No. 5,  
pp. 333-339.  
ISSN: 0919-3758.  
DOCUMENT TYPE: Article  
LANGUAGE: Japanese  
ENTRY DATE: Entered STN: 19 Nov 1993  
Last Updated on STN: 19 Nov 1993

=> file caplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
8.49	8.70

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 12:28:41 ON 18 MAR 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE COVERS 1907 - 18 Mar 2008 VOL 148 ISS 12  
FILE LAST UPDATED: 17 Mar 2008 (20080317/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 11

THE ESTIMATED SEARCH COST FOR FILE 'CAPLUS' IS 38.16 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

1043 SHOCHU  
4 SHOCHUS  
1043 SHOCHU  
(SHOCHU OR SHOCHUS)  
845 LEEDS  
2294 LEES  
1 LEESES  
2295 LEES  
(LEES OR LEESES)  
1264557 PRODUCT  
1486377 PRODUCTS  
2398320 BY-PRODUCT  
(PRODUCT OR PRODUCTS)  
401685 RESIDUE  
393016 RESIDUES  
703184 RESIDUE  
(RESIDUE OR RESIDUES)  
553 STILLAGE  
17 STILLAGES  
559 STILLAGE  
(STILLAGE OR STILLAGES)  
1135 SLOP  
3136 SLOPS  
3902 SLOP  
(SLOP OR SLOPS)  
227146 BOTTOM

11484 BOTTOMS  
 235804 BOTTOM  
     (BOTTOM OR BOTTOMS)  
 11484 BOTTOMS  
 20686 ADSORB  
     9949 ADSORBS  
 29729 ADSORB  
     (ADSORB OR ADSORBS)  
     190 ADSORBTION  
         2 ADSORBTIONS  
     192 ADSORBTION  
         (ADSORBTION OR ADSORBTIONS)  
 34287 ABSORB  
 20664 ABSORBS  
 53575 ABSORB  
     (ABSORB OR ABSORBS)  
     161 ABSORBTION  
         39 ABSORBTIONS  
     199 ABSORBTION  
         (ABSORBTION OR ABSORBTIONS)  
 284932 FILTER  
 148983 FILTERS  
 344754 FILTER  
     (FILTER OR FILTERS)  
 119776 FILTRATE  
     14369 FILTRATES  
 129836 FILTRATE  
     (FILTRATE OR FILTRATES)  
 543601 FRACTION  
 317060 FRACTIONS  
 750496 FRACTION  
     (FRACTION OR FRACTIONS)  
 105000 FRACTIONATION  
     2907 FRACTIONATIONS  
 106647 FRACTIONATION  
     (FRACTIONATION OR FRACTIONATIONS)  
 22695827 PD<20020419  
     (PD<20020419)  
 L2           19 (SHOCHU) AND (LEEDS OR LEES OR BY-PRODUCT OR RESIDUE OR STILLAGE  
                   OR SLOP OR BOTTOM OR BOTTOMS) AND (ADSORB OR ADSORBTION OR ABSO  
                   RB OR ABSORBTION OR FILTER OR FILTRATE OR FRACTION OR FRACTIONAT  
                   ION) AND PD<20020419

=> d 12 19 ti

L2   ANSWER 19 OF 19   CAPLUS   COPYRIGHT 2008 ACS on STN  
 TI   Treatment and utilization of distillation waste from soy sauce. 1.  
       Components and properties of distillation waste

=> d 12 1-9 ti

L2   ANSWER 1 OF 19   CAPLUS   COPYRIGHT 2008 ACS on STN  
 TI   Production of  $\gamma$ -aminobutyric acid from alcohol distillery  
       lees by Lactobacillus brevis IFO-12005  
  
 L2   ANSWER 2 OF 19   CAPLUS   COPYRIGHT 2008 ACS on STN  
 TI   Production and some properties of low-salt seasoning from shochu  
       distillery waste

L2 ANSWER 3 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Methods and agents for wastewater treatment by oxidation and coagulation

L2 ANSWER 4 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Stabilization of recycled water for shochu manufacture

L2 ANSWER 5 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Compositions for preventing fatty liver, their uses as food and drugs, and their manufacture from distillery slops of barley shochu

L2 ANSWER 6 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Iridoids, their extraction from Gardenia jasminoides grandiflora, and their use for fabric dyeing

L2 ANSWER 7 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Manufacture of shochu from sweet potatoes

L2 ANSWER 8 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Manufacture of liquid fertilizers from distillery slops by effective removal of organic matters

L2 ANSWER 9 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Mutagenicity of 1-methyl-1,2,3,4-tetrahydro- $\beta$ -carboline-3-carboxylic acid treated with nitrite in the presence of alcohols

=> d 12 1-19 ti

L2 ANSWER 1 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Production of  $\gamma$ -aminobutyric acid from alcohol distillery lees by Lactobacillus brevis IFO-12005

L2 ANSWER 2 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Production and some properties of low-salt seasoning from shochu distillery waste

L2 ANSWER 3 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Methods and agents for wastewater treatment by oxidation and coagulation

L2 ANSWER 4 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Stabilization of recycled water for shochu manufacture

L2 ANSWER 5 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Compositions for preventing fatty liver, their uses as food and drugs, and their manufacture from distillery slops of barley shochu

L2 ANSWER 6 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Iridoids, their extraction from Gardenia jasminoides grandiflora, and their use for fabric dyeing

L2 ANSWER 7 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Manufacture of shochu from sweet potatoes

L2 ANSWER 8 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Manufacture of liquid fertilizers from distillery slops by effective removal of organic matters

L2 ANSWER 9 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Mutagenicity of 1-methyl-1,2,3,4-tetrahydro- $\beta$ -carboline-3-carboxylic

acid treated with nitrite in the presence of alcohols

- L2 ANSWER 10 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Solid-liquid separation in wastewater from a barley Shochu distillery using Geotrichum sp. M111 and treatment of the liquid component with Hansenula anomala and activated sludge -note-
- L2 ANSWER 11 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Biological treatment of shochu distillery wastewater
- L2 ANSWER 12 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Ethanol fermentation with shochu distillery waste and aromatic red rice bran
- L2 ANSWER 13 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Treatment of wastewater from sweet potato shochu distillery with yeasts
- L2 ANSWER 14 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Complete utilization of shochu distillery waste (I). Batchwise ethanol fermentation with Shochu distillery waste
- L2 ANSWER 15 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Identification of monoterpene alcohol  $\beta$ -glucosides in sweet potatoes and purification of a Shiro-koji  $\beta$ -glucosidase
- L2 ANSWER 16 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Limulus test-positive plant glycolipid, and its use in stimulating the immune system of an animal
- L2 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Manufacture of seasonings from sake lees using protease and amylases
- L2 ANSWER 18 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Utilization of distillation residue of spirits
- L2 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Treatment and utilization of distillation waste from soy sauce. 1. Components and properties of distillation waste

=> d 12 5, 8, 10, 14, 18 ibib

L2 ANSWER 5 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2001:390254 CAPLUS Full-text  
DOCUMENT NUMBER: 134:366087  
TITLE: Compositions for preventing fatty liver, their uses as food and drugs, and their manufacture from distillery slops of barley shochu  
INVENTOR(S): Omori, Toshiro; Takeshima, Naoki; Mochizuki, Satoshi; Miyamoto, Akiko; Hagiwara, Miwako  
PATENT ASSIGNEE(S): Sanwa Shurui Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 20 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2001145472	A	20010529	JP 2000-271638	20000907 <--
JP 3459815	B2	20031027		
PRIORITY APPLN. INFO.:			JP 1999-252554	A 19990907

L2 ANSWER 8 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1999:49120 CAPLUS Full-text  
 DOCUMENT NUMBER: 130:109714  
 TITLE: Manufacture of liquid fertilizers from distillery  
 slops by effective removal of organic matters  
 INVENTOR(S): Kotaka, Kunihiro; Omori, Katsumi  
 PATENT ASSIGNEE(S): Toray Engineering Co., Ltd., Japan; Fuji Bio Kenkyosho  
 Y. K.  
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 11012073	A	19990119	JP 1997-180391	19970619 <--
PRIORITY APPLN. INFO.:			JP 1997-180391	19970619

L2 ANSWER 10 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1995:855376 CAPLUS Full-text  
 DOCUMENT NUMBER: 123:265101  
 TITLE: Solid-liquid separation in wastewater from a barley  
 Shochu distillery using Geotrichum sp. M111  
 and treatment of the liquid component with Hansenula  
 anomala and activated sludge -note-  
 AUTHOR(S): Akita, Osamu; Suzuki, Osamu; Takamine, Kazunori;  
 Setoguchi, Shinji; Iwashita, Yujiro; Iefuji, Haruyuki;  
 Obata, Takaji  
 CORPORATE SOURCE: Natl. Res. Inst. Brewing, Higashihiroshima, 739, Japan  
 SOURCE: Seibutsu Kogaku Kaishi (1995), 73(5),  
 397-404  
 CODEN: SEKAEA; ISSN: 0919-3758  
 PUBLISHER: Nippon Seibutsu Kogakkai  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Japanese

L2 ANSWER 14 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1991:678088 CAPLUS Full-text  
 DOCUMENT NUMBER: 115:278088  
 TITLE: Complete utilization of shochu distillery  
 waste (I). Batchwise ethanol fermentation with  
 Shochu distillery waste  
 AUTHOR(S): Ueda, Seinosuke; Teramoto, Yuji; Ohba, Riichiro; Ueki,  
 Tatsuro; Kimura, Katsuji; Shiota, Shigeomi  
 CORPORATE SOURCE: Dep. Appl. Microb. Technol., Kumamoto Inst. Technol.,  
 Kumamoto, 860, Japan  
 SOURCE: Journal of Fermentation and Bioengineering (  
 1991), 72(4), 270-3  
 CODEN: JFBIEX; ISSN: 0922-338X  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 18 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1987:495216 CAPLUS Full-text  
 DOCUMENT NUMBER: 107:95216  
 TITLE: Utilization of distillation residue of  
 spirits  
 AUTHOR(S): Saito, Kazuo; Nakao, Tsuyoshi; Shima, Yasuhide;  
 Shimoi, Hitoshi; Sato, Shunichi; Tadenuma, Makoto  
 CORPORATE SOURCE: Natl. Res. Inst. Brew., Tokyo, Japan  
 SOURCE: Nippon Jozo Kyokai Zasshi (1987), 82(6),  
 444-6  
 CODEN: NIJKA4; ISSN: 0369-416X  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Japanese

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FILE 'BIOSIS' ENTERED AT 12:27:10 ON 18 MAR 2008

L1 6 SEA ABB=ON PLU=ON (SHOCHU) AND (LEEDS OR LEES OR BY-PRODUCT  
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 FILTRATE OR FRACTION OR FRACTIONATION) AND PD<20020419  
 D L1 1-6 TI  
 D L1 2, 5, 6IBIB  
 D L1 6 IBIB

FILE 'CAPLUS' ENTERED AT 12:28:41 ON 18 MAR 2008

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 FILTRATE OR FRACTION OR FRACTIONATION) AND PD<20020419  
 D L2 19 TI  
 D L2 1-9 TI  
 D L2 1-19 TI  
 D L2 5, 8, 10, 14, 18 IBIB

FILE HOME

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FILE LAST UPDATED: 17 Mar 2008 (20080317/ED)

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